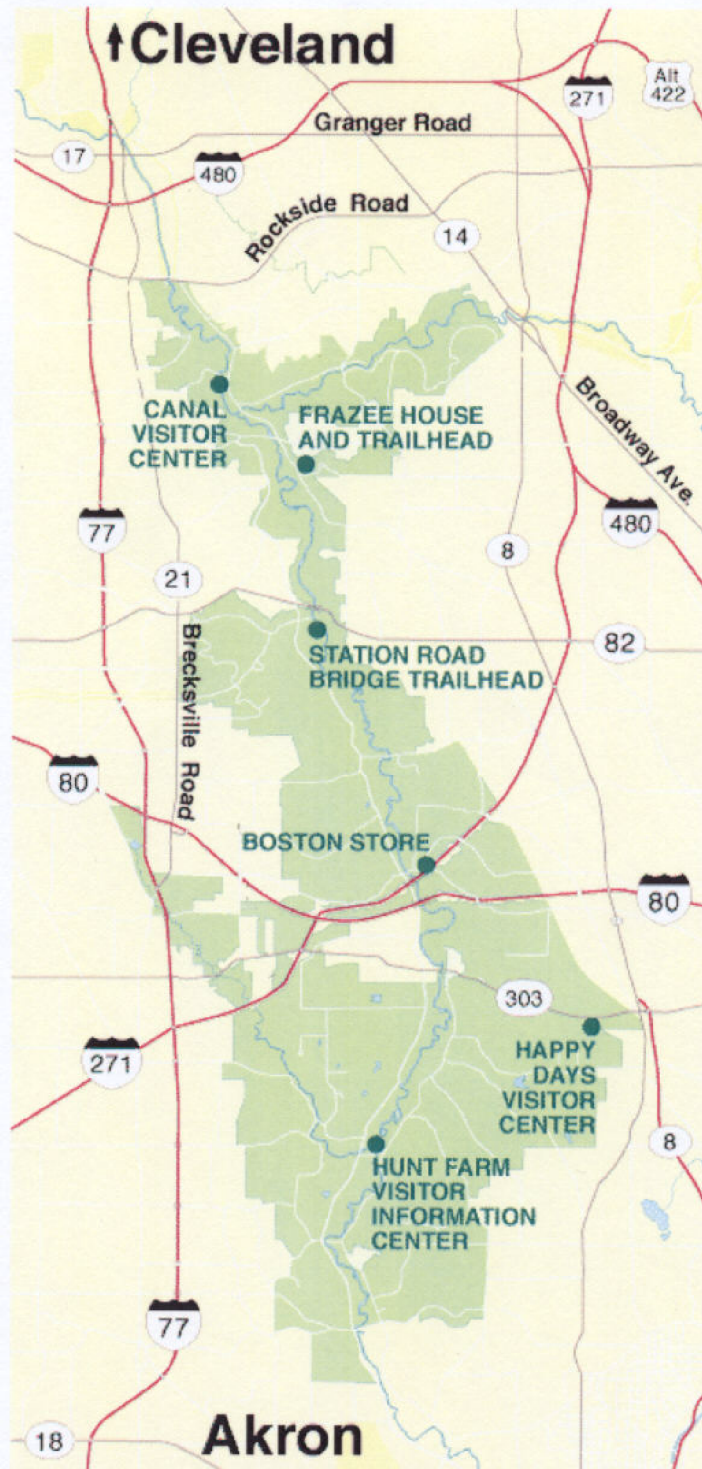


## **APPENDIX A**

### **FIGURES**

| <b>Fig. No.</b> | <b>Title</b>  |
|-----------------|---|
| 1               | Cuyahoga Valley National Park                                 |
| 2               | USGS Map  |
| 3               | Project Overview  |
| 4               | Proposed Bridge General Plan – IR 271 Over Cuyahoga Valley    |
| 5               | Bridge Phased Construction                                    |
| 6               | Proposed Temporary Right-of-Way                               |
| 7               | Cuyahoga River Crossing                                       |
| 8               | Temporary Ford  |
| 9               | Encasement of Tributary #2                                    |
| 10              | Project Location Map – Mitigation Areas                       |
| 11              | Stone Road Mitigation Site – Proposed Stream                  |
| 12              | Rockside Road Mitigation Site – Conceptual Wetland Boundaries |
| 13              | Park Facilities in Project Area                               |
| 14              | Streams   |
| 15a-15c         | Wetlands  |
| 16              | Stone Road Mitigation Site – Wetlands                         |
| 17              | Rockside Road Mitigation Site – Wetlands                      |
| 18              | FEMA 100 Year Floodplain                                      |
| 19              | National Register Districts                                   |
| 20              | Towpath Trail Maintenance of Traffic Plan                     |
| 21              | Towpath Trail and River Advance Closure Signing               |

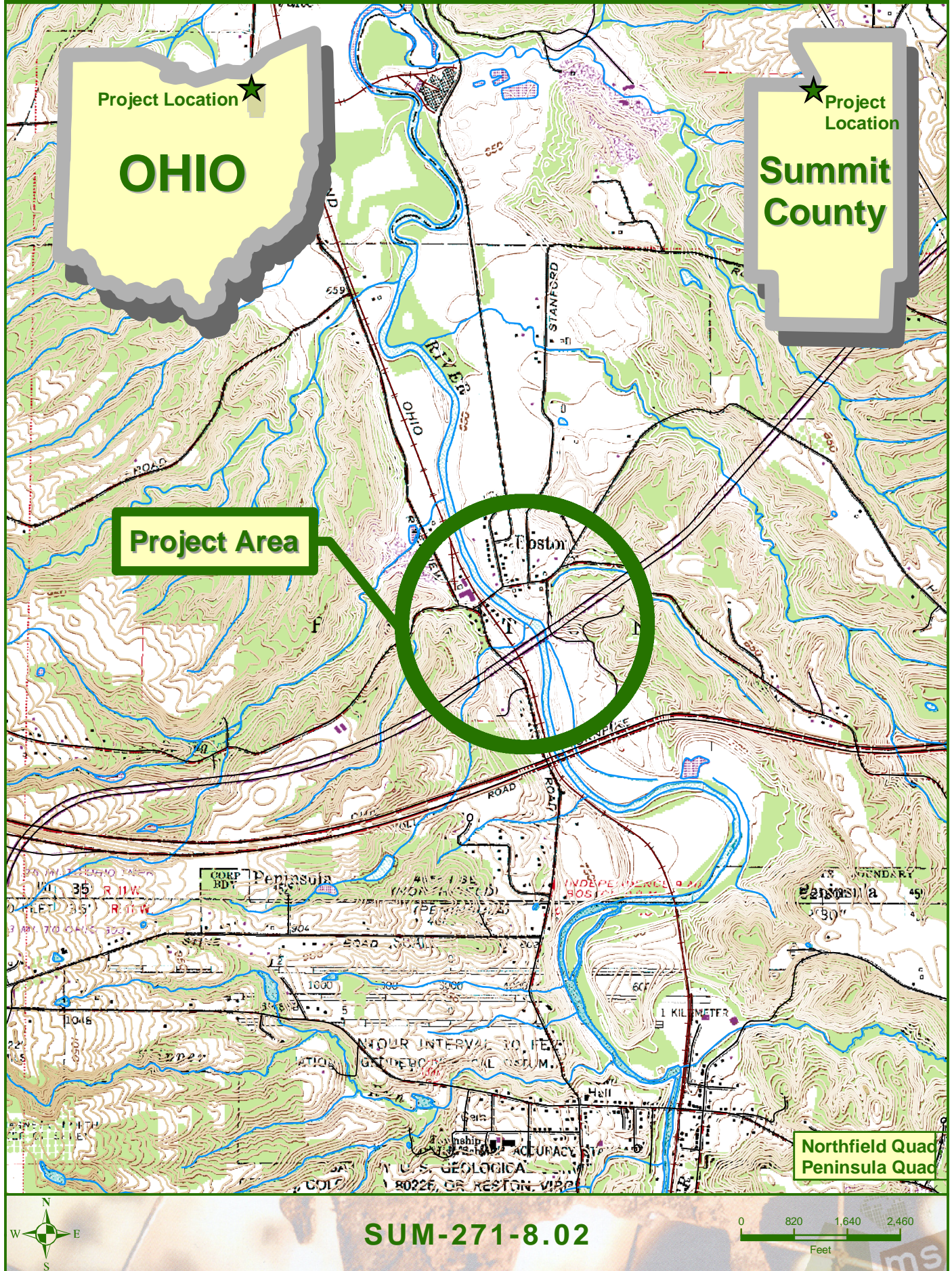
tributary 2



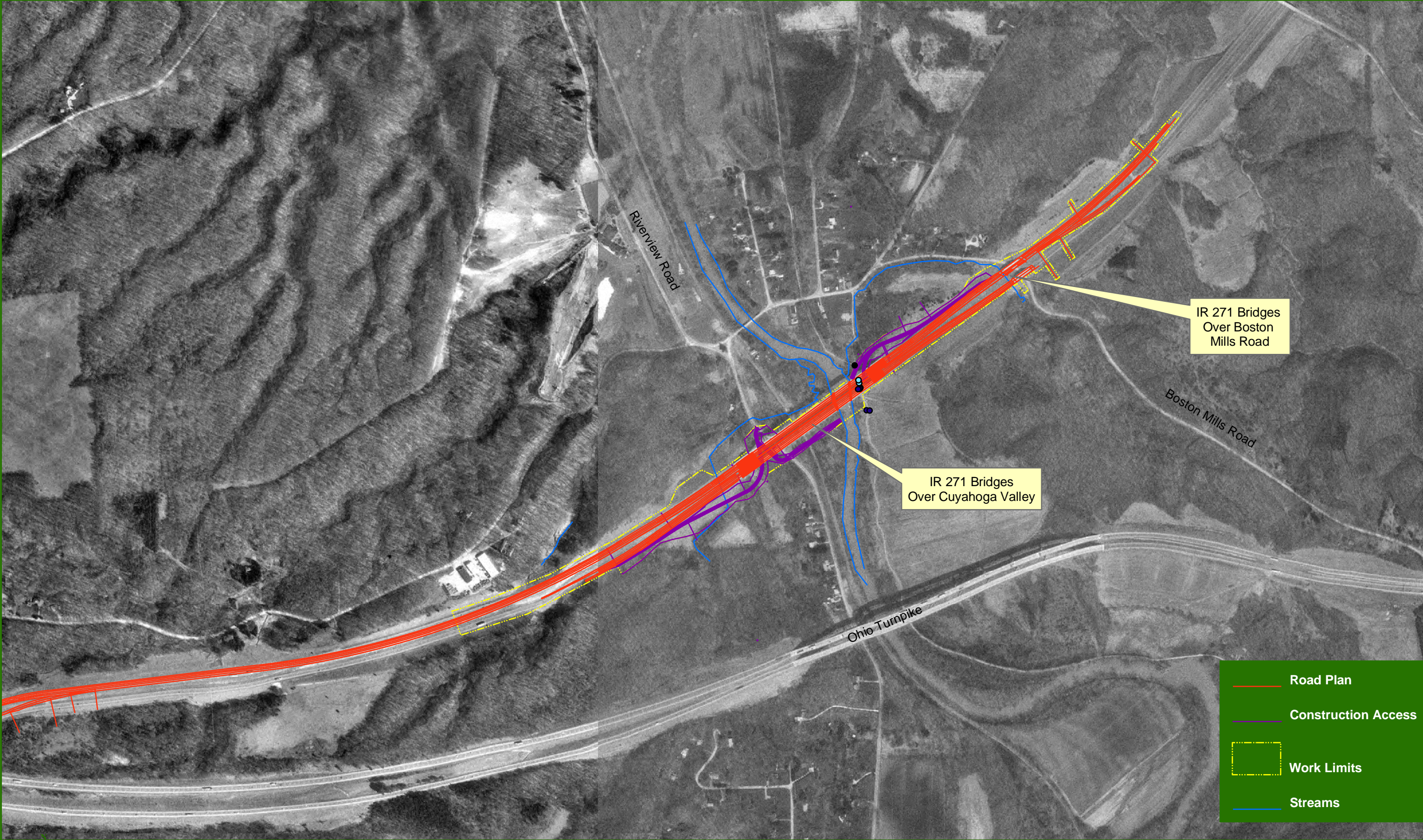
SUM-271-8.02



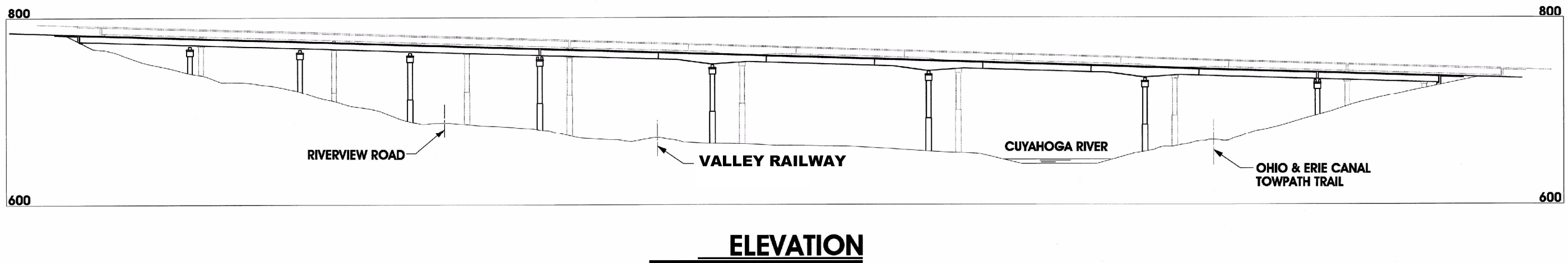
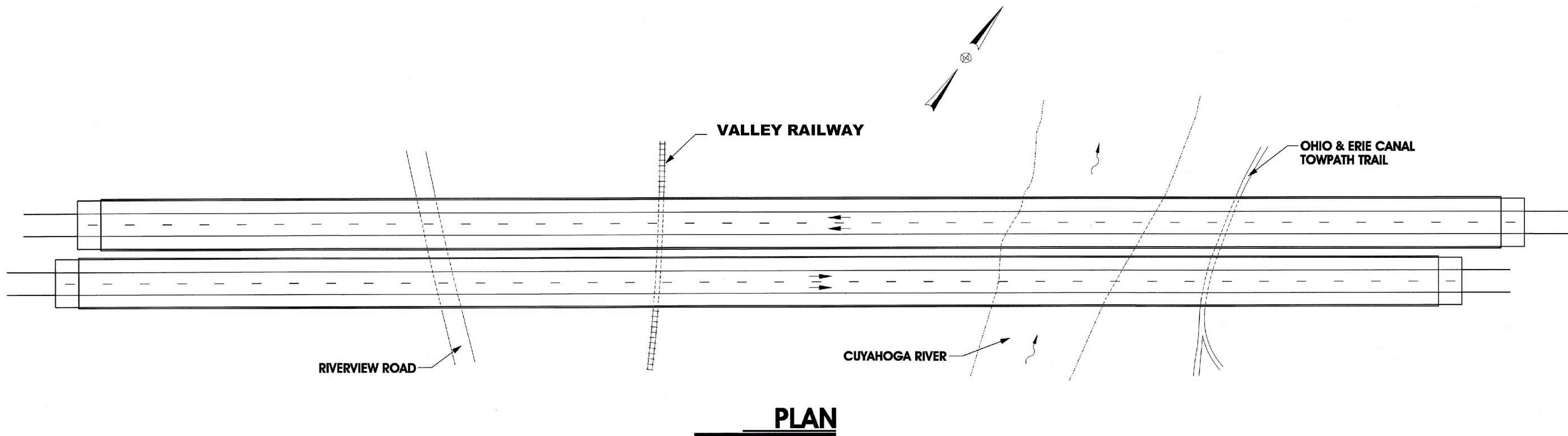










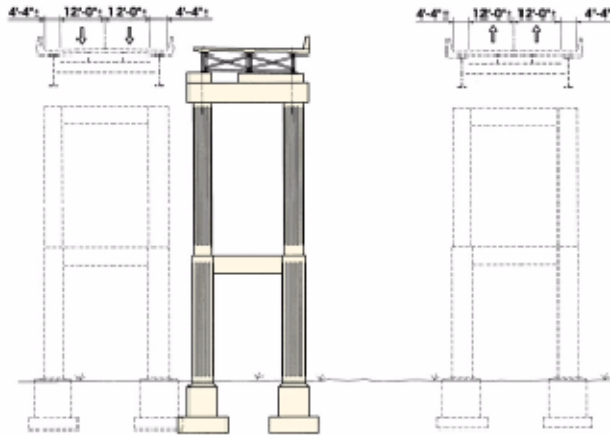


CONCRETE BRIDGE DESIGN IS SHOWN.  
STEEL BRIDGE DESIGN IS SIMILAR.



MAINTAIN TWO LANES  
SOUTHBOUND ON EXISTING BRIDGE

MAINTAIN TWO LANES  
NORTHBOUND ON EXISTING BRIDGE

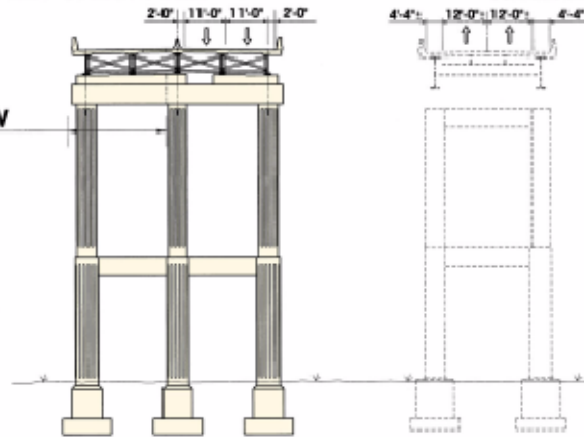


### CONSTRUCTION PHASE I

MAINTAIN TWO LANES  
SOUTHBOUND ON NEW BRIDGE

MAINTAIN TWO LANES  
NORTHBOUND ON EXISTING BRIDGE

BUILD REMAINDER OF NEW  
SOUTHBOUND BRIDGE



### LEGEND

INDICATES NEW  
CONSTRUCTION

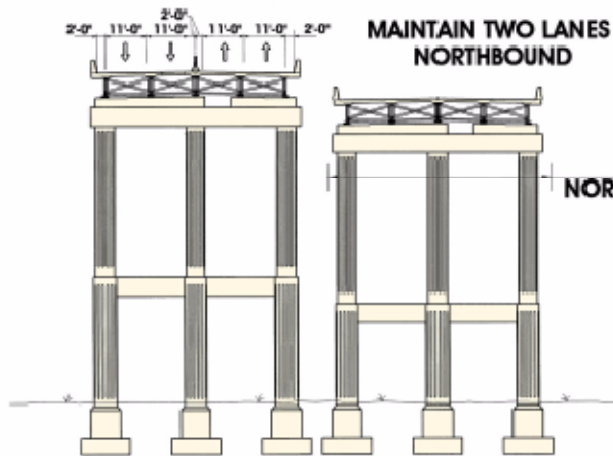
STEEL BRIDGE DESIGN  
IS SHOWN. CONCRETE  
BRIDGE DESIGN IS  
SIMILAR.

### CONSTRUCTION PHASE II

MAINTAIN TWO LANES  
SOUTHBOUND

MAINTAIN TWO LANES  
NORTHBOUND

BUILD NEW  
NORTHBOUND BRIDGE



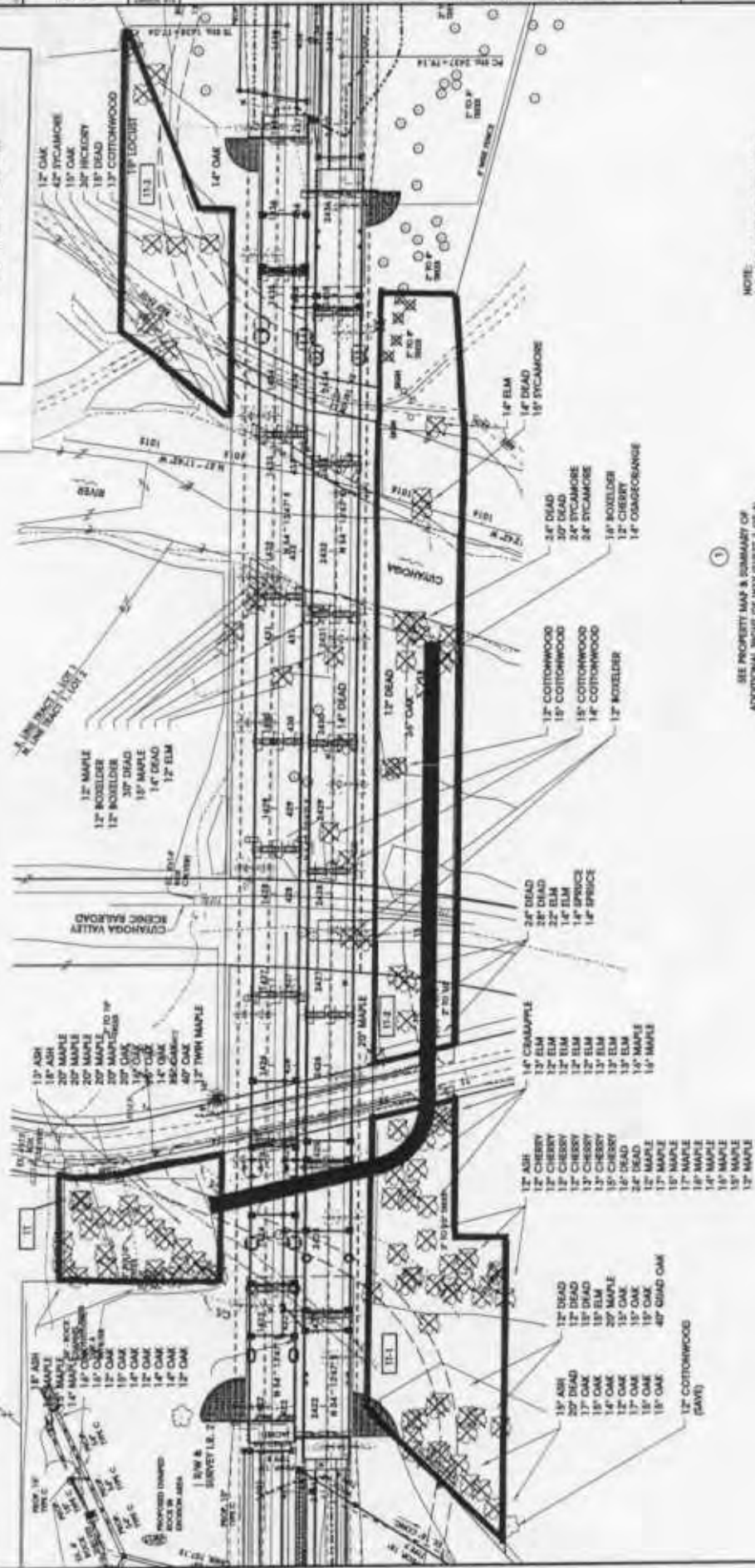
### CONSTRUCTION PHASE III



SUMMIT COUNTY  
BOSTON TOWNSHIP  
TRACT 1, LOT 2  
OUTLOT 45  
T-4-N, R-11-W

1  
SEE PROPERTY MAP & SUMMARY OF  
ADDITIONAL RIGHT OF WAY (SHEET 1 OF 3)  
FOR OWNERSHIP DATA.

Figure 6  
Proposed Temporary  
Right-of-Way  
SUM-271-8.02



1  
SEE PROPERTY MAP & SUMMARY OF  
ADDITIONAL RIGHT OF WAY (SHEET 1 OF 3)  
FOR OWNERSHIP DATA.

NOTE:  
ALL TREES 12 INCHES OR LARGER  
IN SIZE MUST BE LOCATED AND  
IDENTIFIED WITHIN PROJECT AREA.

|                       |      |             |         |
|-----------------------|------|-------------|---------|
| FIELD REVIEW BY       | DATE | E.A.        | 3/20/03 |
| OWNERSHIP VERIFIED BY | DATE | E.A.        | 3/20/03 |
| REV                   | DATE | DESCRIPTION |         |
| DATE OF COMPLETION    |      |             | 3/7/03  |

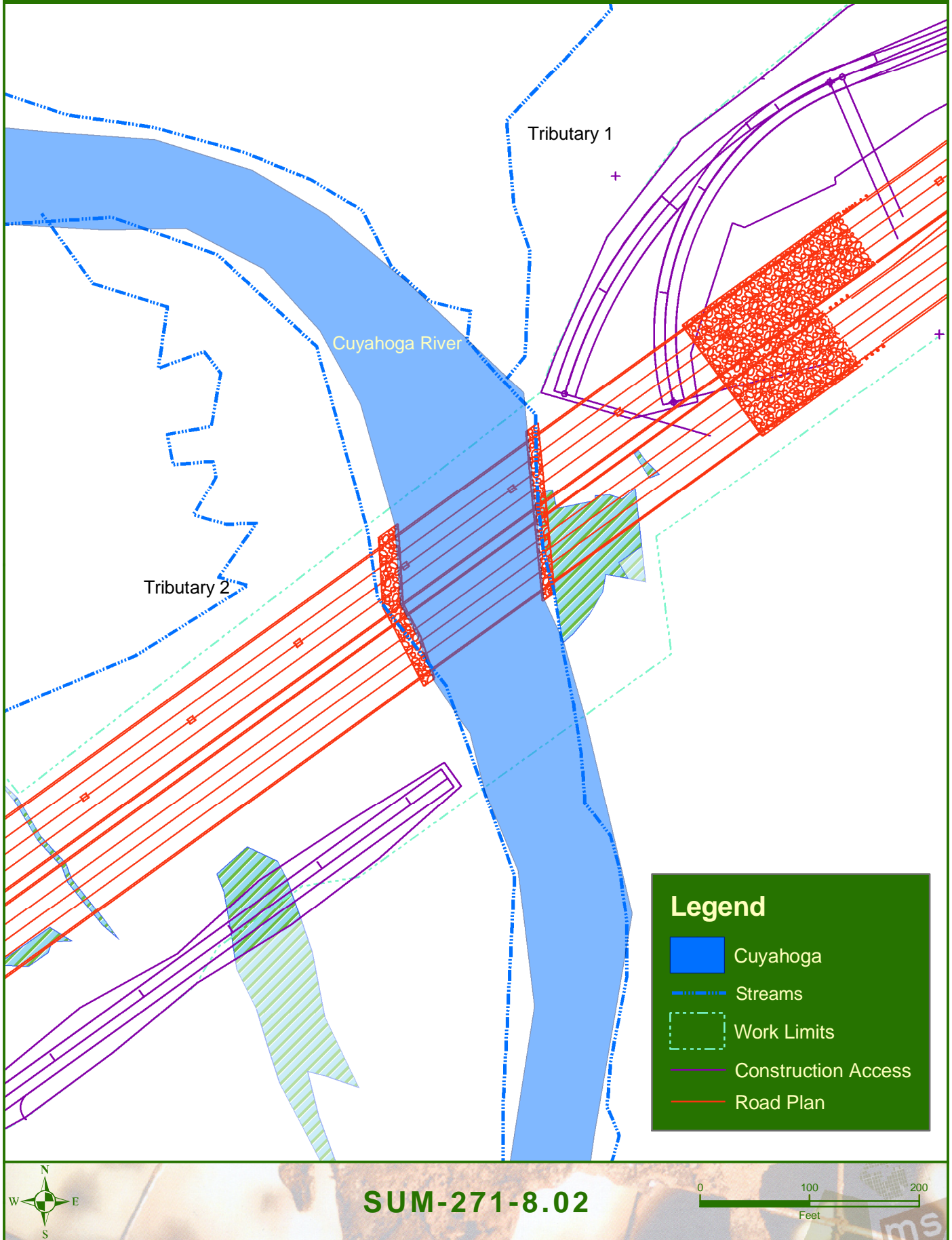
SUM-271-8.02

RIGHT OF WAY PLAN (TREE DATA)  
STA. 420+50.00 TO 438+26.13

21450  
P.D. NO.









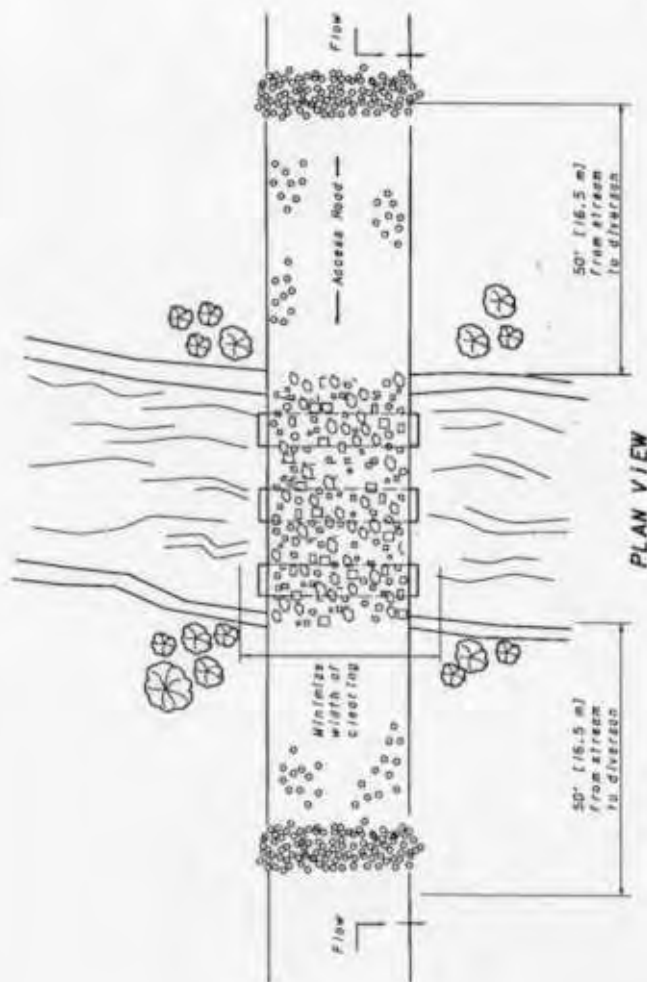
## NOTES

**MATERIAL:** Furnish dumped rock fill conforming to CMS 70519.B, Type B, C or D.

**CONSTRUCTION:** Comply with CMS 107.19 and construct as per CMS 207.03.B.5.b.

The number of culverts needed will vary with the width of the crossing and the size of the culverts.

**PAYMENTS:** As per CMS 207.07, the Department will not pay for Stream Crossing Work.



When the channel encroachment is less than  $1/3$  of the channel width then no pile is required. If  $1/3 \leq e/w < 1/2$  then

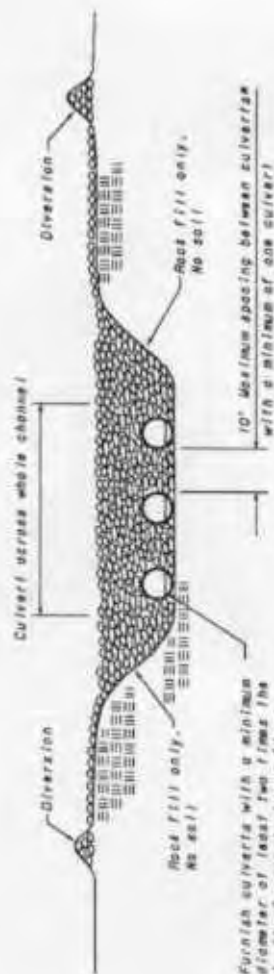
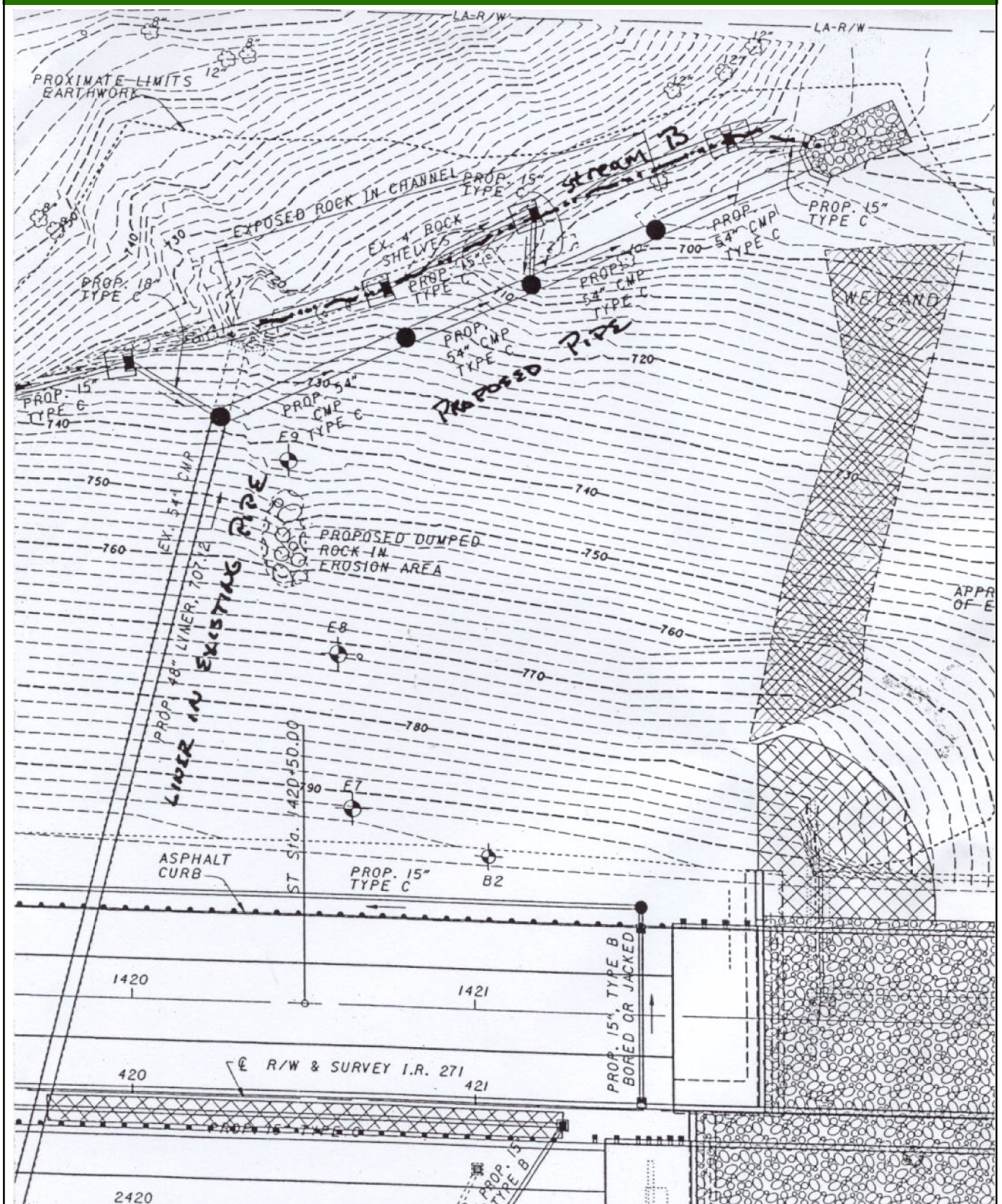


Figure 8  
Temporary Ford  
SUM-271-8.02







## Figure 10

